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ABSTRACT

METHOD OF MANUFACTURING A THERMAL INSULATION BODY

- 5 A pressed thermal insulation body is made by a method comprising the steps of:
- (1) providing a dry composition consisting of:
    - (a) 10 to 100 percent by weight of volatilised silica containing a dispersion of 0.5 to 6 percent by weight of carbon;
    - 10 (b) 0 to 40 percent by weight of infra-red opacifier;
    - (c) 0 to 50 percent by weight of particulate inorganic filler material; and
    - 15 (d) 0 to 25 percent by weight of reinforcing filaments;
  - (2) pressing the dry composition from step (1) to form a body of a desired shape and density; and
  - (3) heat treating the pressed body at a temperature
  - 20 in the range from 400 degrees Celsius to 1000 degrees Celsius to effect hardening.